

Title (en)

CARBON BLACK COMBUSTABLE GAS SEPARATION

Title (de)

RUSSBRENNFÄHIGE GASTRENNUNG

Title (fr)

SÉPARATION DE GAZ COMBUSTIBLES CONTENUS DANS DU NOIR DE CARBONE

Publication

EP 3253826 A4 20180725 (EN)

Application

EP 16747055 A 20160201

Priority

- US 201562111317 P 20150203
- US 2016015939 W 20160201

Abstract (en)

[origin: WO2016126598A1] A method of separating combustible gasses from the pores of carbon black. A method of making carbon black in a reactor is described that results in a high concentration of combustible gasses contained in the pores of the carbon black produced. The combustible gasses contained in the pores are replaced with inert gas to render the carbon black safer to process in downstream equipment.

IPC 8 full level

C09C 1/48 (2006.01); **C01B 3/00** (2006.01); **C09C 1/56** (2006.01)

CPC (source: EP US)

C01B 3/0021 (2013.01 - US); **C09C 1/48** (2013.01 - EP US); **C09C 1/56** (2013.01 - EP US); **Y02E 60/32** (2013.01 - EP US)

Citation (search report)

- [XAI] US 2011076608 A1 20110331 - BERGEMANN KLAUS [DE], et al
- [XAI] GB 395893 A 19330727 - CARLO PADOVANI
- [AP] WO 2015116797 A1 20150806 - MONOLITH MATERIALS INC [US]
- [XAI] DATABASE WPI Week 200323, Derwent World Patents Index; AN 2003-239603, XP002781693
- See references of WO 2016126598A1

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Designated contracting state (EPC)

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DOCDB simple family (publication)

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